

09/25/01  
1054 U.S. PTO

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PTO/SB/05 (08-00) (modified)

Approved for use through 9/30/2001, OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>NEW UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket Number	21676-05433
	First Named Inventor	Syed Abbas et al.
	Title	ROBUST SIGNALING TECHNIQUES IN MULTICARRIER SYSTEMS
	Express Mail Label No.	EL550795789US

APPLICATION ELEMENTS	ACCOMPANYING APPLICATION PARTS
1. <input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate)	7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))
2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	8. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
3. <input checked="" type="checkbox"/> Specification <span style="float:right">Total Pages <input type="text" value="34"/></span> <i>(preferred arrangement set forth below)</i>	9. <input type="checkbox"/> Power of Attorney or Authorization of Agent
<input type="checkbox"/> Descriptive Title of the Invention <input type="checkbox"/> Cross Reference(s) to Related Case(s) <input type="checkbox"/> Statement Regarding Fed sponsored R & D <input type="checkbox"/> Background of the Invention <input type="checkbox"/> Brief Summary of the Invention <input type="checkbox"/> Brief Description of the Drawing(s) <input type="checkbox"/> Detailed Description <input type="checkbox"/> Claim or Claims <input type="checkbox"/> Abstract of the Disclosure	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float:right">Total Sheets <input type="text" value="9"/></span>	11. <input type="checkbox"/> Preliminary Amendment
5. Oath or Declaration	12. <input type="checkbox"/> Information Disclosure Statement & PTO-1449 <input type="checkbox"/> Copies of IDS Citation(s)
a. <input type="checkbox"/> New Declaration <span style="float:right">Total Pages <input type="text"/></span> <input type="checkbox"/> Executed (original or copy)	13. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i>	14. <input checked="" type="checkbox"/> Return Postcard
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)	15. <input type="checkbox"/>
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	16. <input type="checkbox"/>
	17. <input type="checkbox"/>
<b>ADDRESS TO:</b> <b>Box Patent Application</b> <b>Commissioner for Patents</b> <b>Washington, DC 20231</b>	

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_/\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

#### 19. CORRESPONDENCE ADDRESS

☒ Customer Number and Bar Code Label



00758

Name (Print/Type)	Neil F. Mahoney	Registration No. (Attorney/Agent)	42,833
Signature	<i>Neil F. Mahoney</i>	Date	September 25, 2001

0002/PTO(modified) Rev. 10/2000  <div style="text-align: center;"><b>FEE TRANSMITTAL</b></div> <div style="text-align: center;"><b>TOTAL AMOUNT OF PAYMENT</b></div> Subtotal (1) + Subtotal (2) + Subtotal (3) =	U.S. Department of Commerce Patent and Trademark Office  <div style="text-align: right;"><b>Complete if Known</b></div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Application Number</td><td>NEW</td></tr> <tr><td>Filing Date</td><td>HEREWITH</td></tr> <tr><td>First Named Inventor</td><td>Syed Abbas <i>et al.</i></td></tr> <tr><td>Group Art Unit</td><td>UNASSIGNED</td></tr> <tr><td>Examiner Name</td><td>UNASSIGNED</td></tr> <tr><td>Attorney Docket Number</td><td>21676-05433</td></tr> </table>	Application Number	NEW	Filing Date	HEREWITH	First Named Inventor	Syed Abbas <i>et al.</i>	Group Art Unit	UNASSIGNED	Examiner Name	UNASSIGNED	Attorney Docket Number	21676-05433
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METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																																
<b>1. The Commissioner is hereby authorized to:</b>  <input type="checkbox"/> Charge the indicated fees to the below mentioned deposit account.  <input type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account. <sup>†</sup>  <input checked="" type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27  Deposit Account Number: Deposit Account Name: <b>FENWICK &amp; WEST LLP</b> A Duplicate Copy of this authorization is attached  <input type="checkbox"/> <b>Payment Enclosed:</b> <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Other	<b>3. ADDITIONAL FEES</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee Code/Fee</th> <th style="text-align: left;">Small Entity Fee Code/Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Due</th> </tr> </thead> <tbody> <tr><td>105/\$130</td><td>205/\$65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127/\$50</td><td>227/\$25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>147/\$2,520</td><td>147/\$2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>115/\$110</td><td>215/\$55</td><td>Extension for response within first month<sup>†</sup></td><td></td></tr> <tr><td>116/\$390</td><td>216/\$195</td><td>Extension for response within second month<sup>†</sup></td><td></td></tr> <tr><td>117/\$890</td><td>217/\$445</td><td>Extension for response within third month<sup>†</sup></td><td></td></tr> <tr><td>118/\$1,390</td><td>218/\$695</td><td>Extension for response within fourth month<sup>†</sup></td><td></td></tr> <tr><td>128/\$1,890</td><td>228/\$945</td><td>Extension for response within fifth month<sup>†</sup></td><td></td></tr> <tr><td>119/\$310</td><td>219/\$155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>141/\$1,240</td><td>241/\$620</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>142/\$1,240</td><td>242/\$620</td><td>Utility Issue Fee (Or Reissue)</td><td></td></tr> <tr><td>143/\$440</td><td>243/\$220</td><td>Design Issue Fee</td><td></td></tr> <tr><td>122/\$130</td><td>122/\$130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>126/\$180</td><td>126/\$180</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>179/\$710</td><td>279/\$355</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>581/\$40</td><td>581/\$40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146/\$710</td><td>246/\$355</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149/\$710</td><td>249/\$355</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td colspan="3">Other fee (specify):</td><td></td></tr> <tr><td colspan="3">Other fee (specify):</td><td></td></tr> <tr> <td colspan="3" style="text-align: right;"><b>SUBTOTAL (3)</b></td> <td><b>(\$) 0</b></td> </tr> </tbody> </table>	Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due	105/\$130	205/\$65	Surcharge - late filing fee or oath		127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet		147/\$2,520	147/\$2,520	For filing a request for reexamination		115/\$110	215/\$55	Extension for response within first month <sup>†</sup>		116/\$390	216/\$195	Extension for response within second month <sup>†</sup>		117/\$890	217/\$445	Extension for response within third month <sup>†</sup>		118/\$1,390	218/\$695	Extension for response within fourth month <sup>†</sup>		128/\$1,890	228/\$945	Extension for response within fifth month <sup>†</sup>		119/\$310	219/\$155	Notice of Appeal		141/\$1,240	241/\$620	Petition to revive unintentionally abandoned application		142/\$1,240	242/\$620	Utility Issue Fee (Or Reissue)		143/\$440	243/\$220	Design Issue Fee		122/\$130	122/\$130	Petitions to the Commissioner		126/\$180	126/\$180	Submission of Information Disclosure Statement		179/\$710	279/\$355	Request for Continued Examination (RCE)		581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)		146/\$710	246/\$355	Filing a submission after final rejection (37 CFR 1.129(a))		149/\$710	249/\$355	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify):				Other fee (specify):				<b>SUBTOTAL (3)</b>			<b>(\$) 0</b>								
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\* Subtract the greater number of Col. 2

\*\* If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Typed or Printed Name	Neil R. Mahoney	Reg. Number	42,833
Signature		Date	September 25, 2001

<sup>†</sup> Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby